



ET3860C DIGITAL THERMOMETER



ET3860C standard digital thermometer is the new selection in field of industrial temperature calibration and high precision measurement. Its accuracy and repeatability can be achieved better than 0.05 °C / year. Lithium batteries (don't need to replace) 's life is lasting, intuitive readings, strong and durable.

Specification :

Product Name	ET3860C DIGITAL THERMOMETER
Model	ET3860C
Temperature Range	20~50°C
Accuracy	0.05°C
Resolution rate	0.001°C
Calibration Period	1 Year
Sensor Length	300mm、500mm (19.68 in) for option
Sensor Diameter	5mm
Sensor Material	316s stainless steel (medical and food grade)
Sensor Specification	Coil platinum resistance
Sampling rate	0.5、1S、2S
Data Storage	16000 data
Connect	USB or wireless communication for option
Wireless communication range	No shelter160m
Battery Type	High temperature resistant lithium battery
Battery's lifetime	No less than 1000 charge and discharge cycles
Warm Up Time	Be valid after 1 min's warm up time
Battery' charge time	2.5 hours
Working temperature of communication module	-20°C ~ 60°C (14°F~122°F) -20°C - 60°C (14°F-122°F)
Main operating environment	-10°C ~ 50°C (14°F ~122°F)

Main engine protection class	IP50
Sensor protection class	IP68
Dimension	106(L)X57 (W) X27 (H)
Weight	190g
Storage	-20°C ~60°C (-4°F ~140°F) 5%RH-80%RH

Characteristic :

The accuracy and repeatability is better than 0.05 °C / year, electricity float is less than 1 PPM / °C

Wireless Communication: real-data can be transmitted to computer through wireless communication.

Curve display: can display the real time curve in the same time as many as 32 sets thermometer.

Data record : can save 16,000 strip temperature measurements.

Intelligent indication: the trend indicator shows the trend of temperature change

zero mark: arbitrary point zero mark, volatility, deviation value visual display

Intelligent processing: maximum, minimum and average values are directly calculated and displayed

Unit : K, °C, and °F can be switched arbitrarily

Resistance value display: sensor resistance value and temperature value synchronous corresponding display

Scheduled shutdown: the shutdown time can be set from 1 minute to 48 hours

Ultra-low power consumption: No need to do battery replacement

Sampling rate can be adjusted: the sampling period from 5S to 600S can be customized to facilitate timing sampling

Clean and corrosion resistant: the probe of food grade 316 stainless steel is corrosion resistant and easy to clean

Charging convenience: the charging port is compatible with the mobile phone, and any standard USB port can be charged conveniently